GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:6413
ANSWERED ON:08.05.2000
SHELVING OF GAS BASED POWER PROJECT BY NTPC
CHANDRA BHUSHAN SINGH

Will the Minister of POWER be pleased to state:

(a) whether the National Thermal Power Corporation has shelved its proposal to set up four gas based power projects;

(b) if so, the reasons therefor;

(c) whether the Government are undertaking a project for installation of modern transmission system in the country; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : No, Sir. Bids for Main Plant Packages for Anta-II,Auraiya-II,Kawas-IIand Gandhar-IIprojects were earlier received by National Thermal Power Corporation (NTPC)in June, 1999. As the bidders did not meet the qualifying requirements and taken major deviations on key requirements of the bidding documents, making the bids non-responsive, NTPC Board has decided for a rebid. The fresh bid on ICB basis are being invited shortly by NTPC for Main Plant Packages for these four gas power projects.

(c) ; Yes, Sir.

(d) : Presently, power system of the country are operated on regional basis that comprises Northern, Western, Eastern, Southern and North Eastern regions. On the basis of the latest generation expansion plan formulated by Central Electricity Authority (CEA) covering the period upto 2011-12 i.e. end of 11th Plan and the loads projected in the latest Electric Power Survey, the Northern region would be deficit in power. If all India optimisation of generating capacity additions were done then increase in generating capacity in Eastern region for supply of loads in the Northern region is a part of the least cost solution. In these circumstances transmission of a substantial amount of power from the Eastern to the Northern region is anticipated in the 11th Plan. It is planned to operate power systems of the country in clusters of regions in the 10th Plan time frame and as a uniform National Grid by the end of 11th Plan. Large scale inter-regional power transfers have been projected in line with this proposal. Power system planning studies have been carried out considering all India Power system integration and several scenarios for the development of the power system between now and the terminal year of the 11th Plan i.e. 2011-12. In the plan five possible layouts covering expansion of 400 KV, 765 KV and HVDC and combination of these three transmission voltage options have been considered. Transmission network identified covers the network required for evacuation of power from major generation projects and for inter-regional power transfer also. Out of the five possible transmission layouts, the best possible will be selected for which consultation between CEA and the power utilities are in progress, covering detailed requirements and modifications required if any.

Modern technologies for transmission systems are progressively being implemented in the country. These include series compensation of lines, flexible alternating current transmission system, high voltage direct current transmission system and introduction of the next higher voltage namely 765 KV AC.